cone, with fifteen or sixteen vertical ribs, which are highest about the middle.

Caterpillar.—The matured caterpillar is reddish-fulvous, with a black stripe on the back. Each segment is marked with one black ring before and two black rings behind the sets of spiny tubercles with which the segments are adorned. There are nine rows of spines, those above the feet being quite small. The spines are black, tapering, and set with diverging black hairs. The food-plants are aster and *Diplopappus umbellatus.*

Chrysalis.—The chrysalis is pearly-gray or white, blotched with dark brown or black.

This choice little butterfly ranges from Nova Scotia to Wisconsin, extending as far south as northern Illinois, and northward to Ottawa.

(18) Melitsea elada, Hewitson, Plate XVII, Fig. 2, $
(Hewitson's Checker-spot).

Butterfly, $.—The wings on the upper side are black, crossed by numerous bands of small fulvous spots, the one crossing the middle of the median area being composed of the largest spots. The fore wings on the under side are fulvous, shading outwardly into ferruginous. The spots and bands of the upper side reappear upon the under side, but are lighter, and the submarginal row of crescents is pale yellow and very distinct, the spot between the second and third median nervules being the largest, and the spot between the fourth and fifth subcostals being only a little smaller. The under side of the hind wings is deep ferruginous, crossed by bands of pearly pale-yellow spots, those of the outer margin being the largest.

$.—The female is much like the male, with the ground-color a little paler. Expanse, $, . 90 inch; 9, i.oo-i.io inch.

Early Stages.—Unknown.

This little species is found in western Texas, Arizona, and northern Mexico.

(19) Melitaea dyinas, Edwards, Plate XVI,

Fig. 18, $
(Dymas).

Butterfly.—This species is closely related in size and the style of some of the markings to the foregoing species, but may be at once distinguished by the lighter ground-color, which is pale fulvous, and the totally different style of the marginal markings on the under side of the wings. The female represented in the